

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("3404353"   "5008958").PN.	USPAT	OR	OFF	2010/03/25 18:15
S2	0	"10236896"	US-PGPUB; USPAT	OR	OFF	2010/05/03 17:10
S4	106	delay with birefringent near (fiber or medium)	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:09
S5	2	S4 with bit adj period	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:09
S6	934	delay with bit adj period	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:10
S7	2	S4 same S6	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:10
S8	7	S4 and S6	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:10
S9	1469	birefringent near (medium or fiber)	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:13
S10	2570	polarization adj controller	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:13
S11	17	S9 with S10	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:13
S12	2	S11 with (random or fluctuations)	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:13
S13	4	S9 same S10 same (random or fluctuations)	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:15
S14	2633	polarization near maintaining near fiber	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:22
S15	88	S9 with S14	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:22
S16	15	S9 with isolator	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:32
S17	754	reflections with isolator	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:34
S18	1	S17 same S9	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:34
S19	11	S17 and S9	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:34
S20	9	("3256443"   "3506834"   "5625722"   "5805321"   "5917628"   "6072615"   "6204956"   "6271950"   "6384954").PN.	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:43

S21	1	("6271950").PN.	US-PGPUB; USPAT	OR	OFF	2010/05/04 15:43
S22	15	("5181136"   "5228043"   "5355243"   "5491575" "5907421").PN. OR ("6271950").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 15:45
S23	1251	DGD or differential adj group adj delay	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 15:59
S24	41	S23 with S9	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 15:59
S25	2	S24 same bit near period	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 15:59
S26	35	S23 with bit near period	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:00
S27	2	S24 and S26	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:00
S28	0	S26 and birefringent	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:02
S29	14	S26 and birefringent	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:02
S30	16	birefringent with polarizer with photodetector	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:31
S31	0	optical adj isoator with (birefringent or polarization) near (medium of fiber)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:55
S32	0	optical adj isoator with (birefringent or polarization)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:55
S33	1016	optical adj isolator with (birefringent or polarization)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:55
S34	108	optical adj isolator with (birefringent or polarization) near (medium or fiber or crystal)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:55
S35	2	optical adj isolator near input with (birefringent or polarization) near (medium or fiber or crystal)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:55
S36	108	optical adj isolator with (birefringent or polarization) near (medium or fiber or crystal)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:56

S37	1	optical adj isolator with (birefringent or polarization) near (medium or fiber or crystal) with reflections	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:56
S38	3	optical adj isolator with (birefringent or polarization) near (medium or fiber or crystal) same reflections	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:56
S39	23	"5446813"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:58
S40	94	polarization adj controller with polarization near (fluctuations or changes or distortion)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 17:00
S41	1	S40 same S9	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 17:00
S42	17	polarization adj controller with S9	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 17:00
S43	0	polarization adj controller with random near fluctuations	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 17:19
S44	21	polarization adj controller with fluctuations	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 17:19
S45	1	polarization adj controller with fluctuations with (cancel or remove)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 17:19
S48	35	(DGD or differential adj group adj delay) with bit adj period	US-PGPUB; USPAT	OR	OFF	2010/05/05 15:46
S49	2	birefringent with delay with bit adj period	US-PGPUB; USPAT	OR	OFF	2010/05/05 15:51
S50	64	birefringent with delay and delay with period	US-PGPUB; USPAT	OR	OFF	2010/05/05 15:52
S51	8	birefringent with delay same delay with period	US-PGPUB; USPAT	OR	OFF	2010/05/05 15:52
S52	5	birefringent with delay same delay with bit nearperiod	US-PGPUB; USPAT	OR	OFF	2010/05/05 15:53
S53	2	birefringent with delay same delay with bit near period	US-PGPUB; USPAT	OR	OFF	2010/05/05 15:53
S54	2	birefringent with delay same delay with bit adj period	US-PGPUB; USPAT	OR	OFF	2010/05/05 15:53

S55	14	birefringent with delay and delay with bit adj period	US-PGPUB; USPAT	OR	OFF	2010/05/05 15:53
S56	265	optical adj isolator with birefringent	US-PGPUB; USPAT	OR	OFF	2010/05/05 16:00
S57	4	optical adj isolator with birefringent near fiber	US-PGPUB; USPAT	OR	OFF	2010/05/05 16:00
S58	1	optical adj isolator with delay near interferometer	US-PGPUB; USPAT	OR	OFF	2010/05/05 16:01
S59	2	isolator with delay near interferometer	US-PGPUB; USPAT	OR	OFF	2010/05/05 16:03
S60	498	"45" near degree with birefringent	US-PGPUB; USPAT	OR	ON	2010/05/05 16:36
S61	0	"45" near degree with birefringent with advantage	US-PGPUB; USPAT	OR	ON	2010/05/05 16:36
S62	28	"45" near degree with birefringent near fiber	US-PGPUB; USPAT	OR	ON	2010/05/05 16:36
S63	298	optical adj isolator with birefringent	US-PGPUB; USPAT	OR	ON	2010/05/05 18:16
S64	17	optical adj isolator with birefringent with reflections	US-PGPUB; USPAT	OR	ON	2010/05/05 18:16
S65	15	optical adj isolator with polarization adj maintaining adj fiber	US-PGPUB; USPAT	OR	ON	2010/05/05 18:28
S66	1	optical adj isolator with polarization adj maintaining adj fiber with reflections	US-PGPUB; USPAT	OR	ON	2010/05/05 18:28
S67	2924291	optical adj isolator with birefringent neat (medium or crystal or fiber)	US-PGPUB; USPAT	OR	ON	2010/05/05 18:36
S68	130	optical adj isolator with birefringent near (medium or crystal or fiber)	US-PGPUB; USPAT	OR	ON	2010/05/05 18:36
S69	6	S68 with reflections	US-PGPUB; USPAT	OR	ON	2010/05/05 18:36
S70	21	S68 with input	US-PGPUB; USPAT	OR	ON	2010/05/05 18:37
S71	0	optical adj isolator with suprious near reflections same optical adj isoator with birefringent	US-PGPUB; USPAT	OR	ON	2010/05/05 18:41

S72	0	optical adj isolator with suprious near reflections same optical adj isolator with birefringent	US-PGPUB; USPAT	OR	ON	2010/05/05 18:41
S73	0	isolator with suprious near reflections same isolator with birefringent	US-PGPUB; USPAT	OR	ON	2010/05/05 18:41
S74	1	isolator with spurious near reflections same isolator with birefringent	US-PGPUB; USPAT	OR	ON	2010/05/05 18:42
S75	36	isolator with spurious near reflections	US-PGPUB; USPAT	OR	ON	2010/05/05 18:42
S76	2	S75 same birefringent	US-PGPUB; USPAT	OR	ON	2010/05/05 18:42
S77	2	birefringent same delay with bit adj period	US-PGPUB; USPAT	OR	ON	2010/05/05 18:53
S78	2	birefringent same differential adj group adj delay with bit adj period	US-PGPUB; USPAT	OR	ON	2010/05/05 18:54
S79	143	birefringent same differential adj group adj delay samebit adj period	US-PGPUB; USPAT	OR	ON	2010/05/05 18:54
S80	2	birefringent same differential adj group adj delay same bit adj period	US-PGPUB; USPAT	OR	ON	2010/05/05 18:54
S81	2	birefringent same delay same bit adj period	US-PGPUB; USPAT	OR	ON	2010/05/05 18:56
S82	4	birefringent same bit adj period	US-PGPUB; USPAT	OR	ON	2010/05/05 18:56
S83	6	birefringent with polarizer with polarization adj controller	US-PGPUB; USPAT	OR	OFF	2010/05/05 20:06
S84	2	RZ\$ with (DGD or differential adj group adjdelay) with bit adj period	US-PGPUB; USPAT	OR	OFF	2010/05/05 20:14
S85	2	RZ\$ with (DGD or differential adj group adj delay) with bit adj period	US-PGPUB; USPAT	OR	OFF	2010/05/05 20:14
S86	2	birefringent with (DGD or differential adj group adj delay) with bit adj period	US-PGPUB; USPAT	OR	OFF	2010/05/05 20:17
S87	2	RZ\$ with (DGD or differential adj group adj delay) with duty adj cycle	US-PGPUB; USPAT	OR	OFF	2010/05/05 20:20

S88	74	(DGD or differential adj group adj delay) with bit and period	US-PGPUB; USPAT	OR	OFF	2010/05/05 20:20
S89	35	(DGD or differential adj group adj delay) with bit adj period	US-PGPUB; USPAT	OR	OFF	2010/05/05 20:21
S90	2	(DGD or differential adj group adj delay) with duty adj cycle	US-PGPUB; USPAT	OR	OFF	2010/05/05 21:04
S91	0	birefringent with delay with duty adj cycle	US-PGPUB; USPAT	OR	OFF	2010/05/05 21:05
S92	0	birefringent with delay same delay with duty adj cycle	US-PGPUB; USPAT	OR	OFF	2010/05/05 21:05
S93	3185	birefringentsame delay with duty adj cycle	US-PGPUB; USPAT	OR	OFF	2010/05/05 21:05
S94	0	birefringent same delay with duty adj cycle	US-PGPUB; USPAT	OR	OFF	2010/05/05 21:05
S95	6	birefringent with polarizer with polarization adj controller	US-PGPUB; USPAT	OR	OFF	2010/05/05 21:11
S96	3	duty adj cycle with bit adj period with bit adj rate	US-PGPUB; USPAT	OR	OFF	2010/05/05 21:33
S97	162	duty adj cycle with bit adj rate	US-PGPUB; USPAT	OR	OFF	2010/05/05 21:35
S98	12	duty adj cycle with RZ with bit adj rate	US-PGPUB; USPAT	OR	OFF	2010/05/05 21:36
S99	3	((ANTONIO) near2 (D'ERRICO)).INV.	US-PGPUB; USPAT	OR	OFF	2010/05/05 22:03
S100	0	((ANTONIO) near2 (D'ERRICO)).INV.	EPO; JPO; DERWENT	OR	OFF	2010/05/05 22:03
S101	7	((ERNESTO) near2 (CIARAMELLA)).INV.	US-PGPUB; USPAT	OR	OFF	2010/05/05 22:03
S102	9	((ERNESTO) near2 (CIARAMELLA)).INV.	EPO; JPO; DERWENT	OR	OFF	2010/05/05 22:03
S103	114	398/101.ccls.	US-PGPUB; USPAT	OR	OFF	2010/05/05 22:07
S104	7	S103 and birefringent	US-PGPUB; USPAT	OR	OFF	2010/05/05 22:07

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	0	"10236896"	US-PGPUB; USPAT; UPAD	OR	OFF	2010/05/03 17:10
S46	0	"10236896"	US-PGPUB; USPAT; UPAD	OR	OFF	2010/05/04 15:41

S47	9	("3256443"   "3506834" "5625722"   "5805321" "5917628"   "6072615" "6204956"   "6271950" "6384954").PN.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/05/04 15:43
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**5/ 5/ 2010 10:13:37 PM**

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